Index of Claims

| App | licati | on | /Co | ntro | l No. |
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10/662,725

Examiner

Marina Kramskaya

Applicant(s)/Patent under Reexamination

DIERCKS ET AL.

Art Unit

2858

Rejected Allowed

(Through numeral) Cancelled

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Restricted

Non-Elected N ı Interference

**Appeal** Α o Objected

|       |  | L        |          |                                     |          |            |               |          | <u> </u>       |                    |
|-------|--|----------|----------|-------------------------------------|----------|------------|---------------|----------|----------------|--------------------|
|       |  |          |          |                                     |          |            |               |          |                |                    |
| Cla   | im                                     | <u>L</u> |          |                                     |          | Date       | 9             |          |                |                    |
| Final | Original                               | <u> </u> |          |                                     |          |            |               |          |                |                    |
|       | 1<br>2<br>3<br>4<br>5<br>6<br>7        | 1        |          |                                     |          |            |               |          |                |                    |
|       | 2                                      | √        |          |                                     |          |            |               |          |                |                    |
|       | 3                                      | 1        |          |                                     |          |            |               |          |                |                    |
|       | 4                                      | 1        |          |                                     |          |            |               |          |                |                    |
|       | 5                                      | 1        |          |                                     |          |            |               |          |                |                    |
|       | 6                                      | 1        |          |                                     |          |            |               |          |                |                    |
|       | 7                                      | V        |          | ,                                   |          |            |               |          |                |                    |
|       | 8                                      | 1        |          |                                     |          |            |               |          |                |                    |
|       | 9                                      | 1        |          |                                     |          |            |               |          |                |                    |
|       | 10                                     | V        |          |                                     |          |            |               |          |                |                    |
|       | 11                                     | 1        |          |                                     |          |            |               |          |                |                    |
|       | 12                                     | \        |          |                                     |          |            |               |          |                |                    |
|       | 13                                     | 1        |          |                                     |          |            |               |          |                |                    |
|       | 10<br>11<br>12<br>13<br>14<br>15<br>16 | √        |          | $\Box$                              |          |            | L             |          |                |                    |
|       | 15                                     | 1        |          |                                     |          |            |               |          |                |                    |
|       | 16                                     | 1        |          |                                     |          |            |               |          |                |                    |
|       | 17                                     | V        |          |                                     |          |            |               |          |                |                    |
|       | 18<br>19                               | 1        |          |                                     |          |            |               |          |                |                    |
|       | 19                                     | 1        |          |                                     |          |            |               |          |                |                    |
|       | 20                                     | 1        |          |                                     |          |            |               |          |                |                    |
|       | 21                                     | V        |          |                                     |          |            |               |          |                |                    |
|       | 21<br>22<br>23<br>24                   | V        |          |                                     |          |            |               |          |                |                    |
|       | 23                                     | √        |          |                                     |          |            |               |          |                |                    |
|       | 24                                     | 1        |          |                                     |          |            |               |          |                |                    |
|       | 25                                     | 1        |          |                                     |          | L          |               |          |                | 匚                  |
|       | 26<br>27<br>28                         | 1        | <u> </u> |                                     |          | L          |               |          | <u>_</u>       | <u> </u>           |
|       | 27                                     |          | <u> </u> |                                     | <u> </u> | <u> </u>   |               |          |                | L.                 |
|       | 28                                     | _        | L        |                                     |          | L          |               |          |                | L                  |
| _     | 29                                     | _        |          | _                                   |          | <u> </u>   | L.            | L        |                |                    |
| _     | 30                                     | _        |          |                                     |          |            |               |          |                | L                  |
|       | 29<br>30<br>31<br>32<br>33             | ऻ_       | _        |                                     | <u> </u> | <u> </u>   |               |          |                | $ldsymbol{\sqcup}$ |
|       | 32                                     | <u> </u> | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | <u> </u>   | <u> </u>      | <u> </u> | <u> </u>       | Щ                  |
|       | 33                                     | <u> </u> | <u> </u> | <u> </u>                            | <u> </u> | <u> </u>   | <u> </u>      | L        | <u> </u>       | <u> </u>           |
|       | 34<br>35                               | _        | <u> </u> | Ш                                   | _        | $\vdash$   | <u> </u>      |          |                |                    |
|       | 35                                     | <u> </u> |          | $\vdash$                            | _        |            | $\vdash$      | L        |                | lacksquare         |
|       | 36                                     | <u> </u> | <u> </u> | L_                                  |          |            | Щ.            | Щ        | <u> </u>       |                    |
|       | 37<br>38                               | <u> </u> | <u> </u> | L.                                  | L_       | <u> </u>   | L             | <u> </u> | <u> </u>       | <u> </u>           |
|       | 38                                     | ļ        | <u> </u> | $\vdash$                            | <u> </u> | $\vdash$   | $\sqsubseteq$ |          | ļ.             | <u> </u>           |
|       | 39                                     | <u> </u> | <u> </u> | <u> </u>                            | <u> </u> | $\vdash$   | <u> </u>      | $\vdash$ | $\vdash$       | $\vdash$           |
|       | 40                                     | <u> </u> | <u> </u> | <u> </u>                            |          | <u> </u>   | ļ             | <b></b>  | <b> -</b>      | <b> </b>           |
|       | 41                                     | ļ        | <u> </u> | $\vdash$                            | _        |            | <u> </u>      | L.       | <u> </u>       |                    |
|       | 42                                     | ├-       | <u> </u> | <b> </b>                            | -        |            | $\vdash$      | H        | $\vdash$       | $\vdash$           |
|       | 43                                     | <u> </u> | <u> </u> | H                                   | _        | $\vdash$   | L.            |          | <u> </u>       | <u> </u>           |
|       | 44                                     | <u> </u> | <u> </u> | <u> </u>                            | _        | <u> </u>   | -             |          | <u> </u>       |                    |
|       | 45                                     | <u> </u> | <u> </u> | ļ                                   | _        | ļ          |               | <u> </u> | <b> </b>       | <u> </u>           |
|       | 46                                     | <u> </u> | <u> </u> | Н                                   |          | $\vdash$   | <u> </u>      |          | <b> </b> -     | <u> </u>           |
|       | 47                                     | ⊢        | <u> </u> | H                                   | <u> </u> | <u> </u>   | <b> </b>      | H        | ⊢-             | $\vdash$           |
|       | 48                                     | <u> </u> | <u> </u> | H                                   | _        | $\vdash$   |               | L.       | <del>  -</del> | -                  |
|       | 49<br>50                               | <u> </u> | <u> </u> | <u> </u>                            | _        | <b> </b> - | <u> </u>      | _        | <u> </u>       | Н                  |
|       | 20                                     | 1        |          | . 1                                 |          |            |               |          |                |                    |

| Cla       | im       |          |   |   | ī        | Date     | е        |   |   |   | ] [ | Cla   | im       |   |      | C | Date | • |        |          |
|-----------|----------|----------|---|---|----------|----------|----------|---|---|---|-----|-------|----------|---|------|---|------|---|--------|----------|
|           | Original | 11/03/04 |   |   |          |          |          |   |   |   |     | Finat | Original |   |      |   |      |   |        |          |
|           |          |          |   |   | L        |          |          |   |   | L |     |       |          |   |      |   |      |   |        |          |
|           | 1        | <b>√</b> |   |   |          |          | <u> </u> | ļ |   | _ |     |       | 51       |   |      |   |      |   | Ш      | L        |
| _         | 3        | <b>√</b> |   | _ | <u> </u> | <u> </u> | _        | _ |   | L |     |       | 52       | Ш |      |   |      |   | Ш      | <u> </u> |
| _         |          | 1        |   |   |          |          | _        |   |   |   |     |       | 53       | Ш |      |   |      |   | Ш      | <u> </u> |
|           | 4        | 1        |   |   |          |          |          |   |   |   |     |       | 54       | Ш |      |   |      |   | Ш      |          |
|           | 5<br>6   | 1        |   |   |          |          |          |   |   |   | IJ  |       | 55       |   |      |   |      |   | Ш      |          |
|           |          | 1        |   |   | L        | L        |          |   |   |   | 1 [ |       | 56       |   |      |   |      |   |        |          |
|           | 7        | 1        |   |   | L        |          |          |   |   |   |     |       | 57       |   |      |   |      |   |        |          |
|           | 8        | 1        |   |   |          | <u> </u> |          |   |   |   | Ιl  |       | 58       |   |      |   |      |   | Ш      |          |
|           | 9        | 1        |   |   |          |          |          |   |   |   |     |       | 59       |   |      |   |      |   |        |          |
|           | 10       | 1        |   |   |          |          |          |   |   | L | ] [ |       | 60       |   |      |   |      |   | Ш      |          |
|           | 11       | 1        |   |   |          |          | _        |   |   |   |     |       | 61       |   |      |   |      |   | Ш      | L        |
|           | 12       | √        |   |   |          | L        |          |   |   |   | IJ  |       | 62       |   |      |   |      |   | Ш      | L        |
|           | 13       | 1        |   |   |          |          | L        |   |   |   | ] [ |       | 63       |   |      |   |      |   |        |          |
|           | 14       | 1        |   |   |          |          |          |   |   |   |     |       | 64       |   |      |   |      |   |        |          |
|           | 15       | 1        |   |   | L        | L        |          |   |   |   |     |       | 65       |   |      |   |      |   | Ш      |          |
|           | 16       | 1        |   |   |          |          |          |   |   |   | J L |       | 66       |   |      |   |      |   | Ш      |          |
|           | 17       | √        |   |   |          |          |          |   |   |   |     |       | 67       |   |      |   |      |   |        |          |
|           | 18       | 7        |   |   |          |          |          |   |   |   |     |       | 68       |   |      |   |      |   |        |          |
|           | 19       | 7        |   |   |          |          |          |   |   |   |     |       | 69       |   |      |   |      |   |        |          |
|           | 20       | 7        |   |   |          |          |          |   |   |   | ] [ |       | 70       |   |      |   |      |   |        |          |
|           | 21       | 7        |   |   |          |          |          |   |   |   | ] [ |       | 71       |   |      |   |      |   | ·      |          |
|           | 22       | 1        |   |   |          |          |          |   |   |   | ] [ |       | 72       |   |      |   |      |   |        |          |
|           | 23       | 1        |   |   |          |          |          |   |   |   | ] [ |       | 73       |   |      |   |      |   |        |          |
|           | 24       | 7        |   |   |          | Г        |          |   |   |   | 1 [ |       | 74       | П |      |   |      |   | П      |          |
|           | 25       | 1        |   |   |          |          |          |   |   |   | 1 [ |       | 75       |   |      |   |      |   |        |          |
|           | 26       | 7        |   |   | Г        |          |          |   |   | П | 1 [ |       | 76       |   |      |   |      |   |        |          |
|           | 27       |          |   |   |          |          |          |   |   |   | ] [ |       | 77       |   |      |   |      |   |        |          |
|           | 28       |          |   |   |          |          | _        |   |   |   | 1 [ |       | 78       |   |      |   |      |   |        |          |
|           | 29       |          |   |   |          | Г        |          |   |   |   |     |       | 79       |   |      |   |      |   | П      |          |
|           | 30       |          |   |   | Г        | Г        |          |   |   |   | 1 [ |       | 80       |   |      |   |      |   | $\Box$ |          |
|           | 31       |          |   |   |          |          |          |   |   |   | 1 1 |       | 81       |   |      |   |      |   |        |          |
|           | 32       |          |   |   |          | Г        |          |   |   |   | 1 1 |       | 82       |   |      |   |      |   | П      |          |
|           | 33       |          |   |   |          | Г        | Г        |   |   |   | 1 1 |       | 82<br>83 | П |      |   |      |   | П      |          |
|           | 34       |          |   |   |          |          | Г        |   |   |   | 1 1 |       | 84       |   |      |   |      |   |        |          |
|           | 35       |          |   |   |          |          |          |   |   |   | 1 1 |       | 85       |   |      |   |      |   |        |          |
| $\neg$    | 36       |          |   |   |          |          |          |   |   |   | 1 1 |       | 86       |   |      |   |      |   |        |          |
| $\neg$    | 37       |          |   |   |          |          |          |   |   |   | ĺ   |       | 87       |   | _    |   |      |   | П      |          |
|           | 38       |          |   |   |          |          |          |   |   |   | 1   |       | 88       |   |      |   |      | - |        |          |
| ╗         | 39       |          |   |   |          |          |          |   |   |   | 1 1 |       | 89       | П |      |   |      |   |        |          |
| ╗         | 40       |          |   |   |          |          | Г        |   |   |   | 1 1 |       | 90       |   |      |   |      |   |        |          |
|           | 41       |          |   |   |          |          |          |   |   |   | 1 [ |       | 91       |   |      |   |      |   |        |          |
| $\neg$    | 42       |          |   |   |          |          |          |   |   |   |     |       | 92       | П |      |   |      |   | П      |          |
| ┪         | 43       |          |   |   | ļ        | _        | Г        | Г | Г |   |     |       | 93       |   |      |   |      |   | П      |          |
|           | 44       |          |   |   |          |          | _        |   | T | i |     |       | 94       | П |      |   |      |   | $\Box$ |          |
| $\neg$    | 45       |          |   |   | _        |          |          |   |   |   |     |       | 95       |   |      | - |      |   | $\Box$ |          |
| ┪         | 46       |          | - |   |          | T        |          |   |   | T | 1 1 |       | 96       | П |      |   |      |   | П      |          |
|           | 47       |          |   |   |          |          |          |   |   |   |     |       | 97       | П |      |   |      |   | П      |          |
|           | 48       |          |   |   |          |          |          |   |   |   |     |       | 98       | П |      |   |      |   |        |          |
|           | 49       |          |   |   |          |          |          |   | _ |   | 1   |       | 99       | П |      |   |      |   | П      |          |
| $\exists$ | 50       |          |   |   |          |          |          |   |   |   | 1   |       | 100      | П | •    |   |      |   |        |          |
|           |          |          |   |   | _        |          |          |   | - |   |     |       |          |   | <br> |   |      |   | <br>   | _        |

| Cla          | aim                             | Date   |   |              |  |  |          |          |          |          |  |
|--------------|---------------------------------|--|---|--------------|--|--|----------|----------|----------|----------|--|
|              |                                 | $\vdash$   | Г   |              |  |  | Ē        |          |          | П        |  |
| <del>-</del> | Original                        |  |   |              |  |  |          |          |          |          |  |
| Final        | įĝ                              |  |   |              |  |  |          |          |          |          |  |
| ш            | ō                               |  |   |              |  |  |          |          |          |          |  |
|              |                                 | $\vdash$   | ├   | ⊢            | ┝  | _  |          |          |          |          |  |
|              | 101<br>102                      | $\vdash$   | _   | _            | <u> </u>   |  |          |          |          | -        |  |
|              | 102                             | L  |   | Ш            | <u> </u>   |  |          |          |          | Ш        |  |
|              | 103                             | ļ  |   | _            | ļ  |  |          |          |          | Ш        |  |
|              | 103<br>104<br>105               | _  | _   | _            | <u> </u>   |  |          | _        | _        | Щ        |  |
|              | 105                             | <u> </u>   | Щ   | _            | <u> </u>   |  |          |          |          | Ш        |  |
|              | 106<br>107                      | Щ  |   | L            | _  |  |          |          |          | Ш        |  |
|              | 107                             | Щ  | $oxed{oxed}$  | _            | <u> </u>   |  |          |          |          | Ш        |  |
|              | 108<br>109                      |  |   |              |  |  |          |          |          |          |  |
|              | 109                             |  |   |              | L  |  |          |          |          |          |  |
|              | 110                             |  |   |              |  |  |          |          |          |          |  |
|              | 111<br>112<br>113               |  |   |              |  |  |          |          |          |          |  |
|              | 112                             |  |   |              |  |  |          |          |          |          |  |
|              | 113                             |  |   |              |  |  |          |          |          |          |  |
|              | 114<br>115                      | П  |   | Г            |  |  |          |          |          |          |  |
|              | 115                             | Г  |   |              |  |  |          |          |          | $\Box$   |  |
|              | 116                             |  |   |              | Г  |  |          | П        |          | П        |  |
|              | 117                             | Г  | П   |              | Г  | $\vdash$   |          | Т        |          | П        |  |
|              | 118                             | Т  | Т   | $\vdash$     |  | $\vdash$   |          | Н        |          | Н        |  |
|              | 119                             |  |   | _            | $\vdash$   |  |          |          |          |          |  |
|              | 119<br>120<br>121               | ┢  | $\vdash$  | ├─           | -  | <del>-</del>   |          | $\vdash$ | _        | $\vdash$ |  |
|              | 121                             | -  | -   |              |  | -  |          | -        |          |          |  |
|              | 122                             | ⊢  | -   | -            | -  | -  |          |          | _        |          |  |
|              | 122                             | _  | $\vdash$  |              | _  |  | _        | Н        |          |          |  |
|              | 122<br>123<br>124<br>125<br>126 | _  |   | <u> </u>     | ⊢  | $\vdash$   | _        | $\vdash$ | _        | -        |  |
|              | 124                             | -  | <del>                                     </del>  | -            | -  | -  |          | -        |          |          |  |
|              | 120                             |  | ⊢   | ┝            | <u> </u>   |  | _        | $\vdash$ |          | _        |  |
|              | 120                             |  |   |              | <del> </del>                                     | -  |          |          |          |          |  |
|              | 127                             |  | <u> </u>  | <u> </u>     |  | <u> </u>   | -        | <u> </u> |          | _        |  |
|              | 127<br>128<br>129               |  | <u> </u>  | _            | _  | $\vdash$   |          |          |          |          |  |
|              | 129                             | _  | <u> </u>  | _            | <u> </u>   | _  | _        | _        | _        | Щ        |  |
|              | 130                             |  | _   |              | L_   | Ŀ  | _        | _        | _        |          |  |
|              | 131                             |  |   |              |  |  |          |          |          |          |  |
|              | 130<br>131<br>132               | _  | _   |              |  |  |          | Щ        |          |          |  |
|              | l 133                           | <u> </u>   | <u> </u>  | <u> </u>     | <u> </u>   | <u> </u>   | L        | <u> </u> |          | Ш        |  |
|              | 134                             |  |   | <u> </u>     | <u> </u>   |  | L        |          | L.,      | Ш        |  |
|              | 135<br>136                      | oxdot  | $ldsymbol{ld}}}}}}$ | $oxed{oxed}$ | L_   | $oxed{oxed}$   | L.       | Щ        | Ш.       | Ш        |  |
|              | 136                             | $ldsymbol{ld}}}}}}$ | <u> </u>  |              | <u> </u>   | $ldsymbol{ld}}}}}}$ | L.       | Ш        | L.       | Ш        |  |
|              | 137                             | L_   |   |              | <u> </u>   |  | L        |          |          |          |  |
|              | 138<br>139                      |  |   |              |  |  |          |          |          |          |  |
|              | 139                             |  |   |              | L  |  |          |          |          |          |  |
|              | 140                             |  |   |              |  |  |          |          |          |          |  |
|              | 141                             | Ĺ  | L   |              |  |  |          |          |          |          |  |
|              | 142                             |  |   |              |  |  |          |          |          |          |  |
|              | 143                             |  |   |              |  |  |          |          |          |          |  |
|              | 144                             |  |   |              |  |  |          |          |          |          |  |
|              | 145                             |  |   |              |  |  |          |          |          |          |  |
|              | 146                             | $\vdash$   | $\vdash$  |              | $\vdash$   | $\vdash$   | <u> </u> |          | <u> </u> | П        |  |
|              | 147                             | Ι  | <del>                                     </del>  | $\vdash$     | <del>                                     </del> | $\vdash$   | $\vdash$ |          |          | $\vdash$ |  |
|              | 148                             | $\vdash$   | $\vdash$  | $\vdash$     | Ι  |  |          | $\vdash$ | -        | Н        |  |
|              | 149                             | <del> </del>   |   | $\vdash$     | $\vdash$   | Н  | $\vdash$ | Н        | $\vdash$ | Н        |  |
|              | 150                             | $\vdash$   | $\vdash$  | ├            | ├-   | $\vdash$   | _        | $\vdash$ | _        | Н        |  |
|              | 130                             |  |   | L            | L  | Ц.,  | Ц        | Щ.       | Щ        | ш        |  |